

Title (en)  
ULTRAVIOLET CURABLE PHENYL AND ACRYLAMIDE GROUP-CONTAINING SILICONE COMPOSITIONS

Publication  
**EP 0400785 A3 19911016 (EN)**

Application  
**EP 90303225 A 19900327**

Priority  
US 33563889 A 19890410

Abstract (en)  
[origin: EP0400785A2] Compositions which are made up of acrylamide functional polyorganosiloxane and other non-silicon ingredients are compatible when the polyorganosiloxane contains from 5 to 50 mole percent aromatic groups bonded to the silicon atoms. These compositions can contain reactive diluents, photoinitiators and other non-silicon compounds. The compositions have low temperature properties and cure faster when exposed to ultraviolet radiation as the aromatic content increases. The compatibility with non-silicon compounds increases as the aromatic content increases and the spectrum of kinds of compounds and their amounts increases with increasing aromatic content. These compositions are useful in the electrical and electronic industry.

IPC 1-7  
**C08L 83/08**

IPC 8 full level  
**C08F 290/00** (2006.01); **C08F 299/08** (2006.01); **C08G 77/26** (2006.01); **C08G 77/28** (2006.01); **C08L 83/08** (2006.01); **C09D 183/08** (2006.01); **G03F 7/075** (2006.01)

CPC (source: EP KR)  
**C08F 299/08** (2013.01 - EP); **C08L 83/04** (2013.01 - KR); **C08L 83/08** (2013.01 - EP); **C09D 183/08** (2013.01 - EP); **G03F 7/0757** (2013.01 - EP)

Citation (search report)  
• [E] EP 0363071 A2 19900411 - DOW CORNING [US]  
• [A] EP 0159729 A1 19851030 - PHILIPS NV [NL]  
• [A] DE 2944817 A1 19800514 - SHINETSU CHEMICAL CO

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